

FORM PTO-1390
(REV. 01-2003)

US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER
127402**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
10/573,025INTERNATIONAL APPLICATION NO.
PCT/JP2005/000651INTERNATIONAL FILING DATE
January 20, 2005PRIORITY DATE CLAIMED
January 20, 2004TITLE OF INVENTION
HEAT TREATMENT APPARATUS

APPLICANT(S) FOR DO/EO/US

Naoto NAKAMURA; Iwao NAKAMURA; Tomoharu SHIMADA; Akira MOROHASHI; Keishin YAMAZAKI; Sadao NAKASHIMA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
 - c. ☐ The International Application was filed in English.
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☒ A Supplemental Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☒ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Request for Correction of PALM Records; Response to Notification of Missing Requirements.

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/573,025		INTERNATIONAL APPLICATION NO. PCT/JP2005/000651		ATTORNEY'S DOCKET NUMBER 127402	
21. <input type="checkbox"/> The following fees are submitted:				CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492(a)): \$ 300.00				\$	
SEARCH FEE (37 CFR 1.492(b)(1)-(3)):				\$	
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase \$ 0.00					
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA \$ 100.00					
International search report provided to USPTO no later than the time at which the search fee is paid \$ 400.00					
All situations not provided for above \$ 500.00					
EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):				\$	
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase \$ 0.00					
All situations not provided for above \$ 200.00					
Surcharge of \$130.00 for furnishing the search fee, the examination fee or the oath or declaration after the date of commencement of the national phase (37 CFR 1.492(h)).				\$	
APPLICATION SIZE FEE		÷ 50	= †	x 250 =	\$
Total pages - 100 =					
†round up to next integer					
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	\$
TOTAL CLAIMS		- 20	=	x 50.00 =	\$
INDEPENDENT CLAIMS		- 3	=	x 200.00 =	\$
MULTIPLE DEPENDENT CLAIM(S)(if applicable)				+ 360.00 =	\$
TOTAL OF ABOVE CALCULATIONS =				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$	
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$	
				Amount to be refunded:	\$
				charged:	\$
a. <input type="checkbox"/> Check No. _____ in the amount of \$ _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944					
Date <u>July 20, 2006</u>		NAME: <u>James A. Oliff</u> REGISTRATION NUMBER: 27,075 NAME: <u>Julie M. Lake</u> REGISTRATION NUMBER: 51,156			

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Naoto NAKAMURA et al.

Attn: **Mail Stop PCT**

Application No.: 10/573,025

Docket No.: 127402

Filed: March 22, 2006

For: HEAT TREATMENT APPARATUS

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C 371 IN THE UNITED STATES DESIGNATED/
ELECTED OFFICE (DO/EO/US) WITH DECLARATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C 371 in the United States Designated/Elected Office (DO/EO/US) (copy attached) mailed on July 10, 2006, submitted herewith is the executed Declaration of the inventors and a Power of Attorney. Any necessary Designation of Ten Attorneys for Power of Attorney or Transmittal of Power of Attorney and Statement Under 37 C.F.R. §3.73(b) is also attached. Also submitted herewith is, upon information and belief, an accurate translation of the application. Any specification attached to and referenced in the Declaration is a copy of the specification and any amendments thereto which were filed in the Office in order to obtain a filing date for the application.

Entry of these documents should complete all of the filing formalities and fully satisfy all requirements of the Notification of Missing Requirements. Accordingly, prompt issuance of a Notification of Acceptance and Official Filing Receipt, and prompt examination and allowance of this application are respectfully solicited.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461. Two duplicate copies of this paper are attached.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Julie M. Lake
Registration No. 51,156

JAO:JML/jdb

Date: July 20, 2006

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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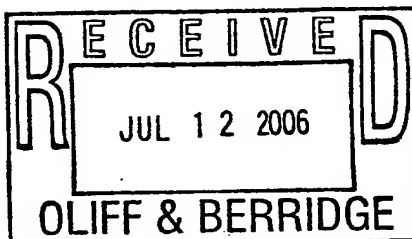


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/573,025	Naoto Nakamura	127402

25944
 OLIFF & BERRIDGE, PLC
 P.O. BOX 19928
 ALEXANDRIA, VA 22320



INTERNATIONAL APPLICATION NO.	
PCT/JP05/00651	
I.A. FILING DATE	PRIORITY DATE
01/20/2005	01/20/2004

CONFIRMATION NO. 4594
 371 FORMALITIES LETTER



OC000000019539450

Date Mailed: 07/10/2006

MISSING PARTS

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/22/2006
- Copy of the International Search Report filed on 03/22/2006
- Preliminary Amendments filed on 03/22/2006
- Information Disclosure Statements filed on 03/22/2006
- Request for Immediate Examination filed on 03/22/2006
- U.S. Basic National Fees filed on 03/22/2006

DUE DATE
SEP 10 2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response

DOCKETED
 By WFW on 7-12 2006
 and
 By Est on 7/12 2006
 Oliff & Berridge

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/573,025	PCT/JP05/00651	127402

FORM PCT/DO/EO/905 (371 Formalities Notice)

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Attn: OIPE

Naoto NAKAMURA et al.

Application No.: 10/573,025

Docket No.: 127402

Filed: March 22, 2006

For: HEAT TREATMENT APPARATUS

REQUEST FOR CORRECTION OF PALM RECORDS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached is a Supplement Application Data Sheet on which errors have been corrected. These errors are being brought to the attention of the Patent and Trademark Office so that it may correct its records.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Julie M. Lake
Registration No. 51,156

JAO:JML/jdb

Date: July 20, 2006

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE
AUTHORIZATION**

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